DEMIKHOVSKAYA, S.Z.; VODZINSKIY, Yu.V.; YUSTOVA, Ye.N.; GROMOVA, I.S.; POKROVSKAYA, G.V.

Standard specimens of the color of rosin. Gidrolis. i lesokhim. prom. 16 no.2:8-10 '63. (MIRA 16:6)

1. Tsentral'nyy nauchno-issledovatel'skiy i proyektnyy institut lesokhimicheskoy promyshlennosti (for Demikhovskaya, Vodzinskiy). 2. Vsesoyuznyy nauchno-issledovatel'skiy institut metrologii im. Mendeleyeva (for Yustova, Gromova, Pokrovskaya).
(Gums and resins—Grading)
(Color)

YUSTOVA, Ye.N.; GAL'NBEK, G.P.

Mirror reflection in measuring color coordinates of reflecting samples. Izm. tekh. no.9:23-25 S '64. (MIRA 18:3)

GROMOVA, I.S.; YUSTOVA, Ye.N.

Production of a glass colophony scale. Trudy Inst.kom.stand., mer i izm.prib. no.56:106-112 '61. (MIRA 15:12)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut metrologii im. D.I.Mendeleyeva.

(Photometry)

SPAFARIY, Nikolay Milesku (1636-1708); SOLOV'YEV, V.; KIDEL', A.; YUSTRATOVA, N., red.; POLEVAYA, Ye., tekhn. red.

[Siberia and China] Sibir' i Kitai. Kishinev, Gos. izd-vo "Kartia moldovenieske," 1960. 514 p. (MIRA 14:10)
(Siberia--Description and travel)
(China--Description and travel)

Country	: USSR
Category	: Farm Animals. Poultry. Q-4
Abs. Jour	: RZBiol., No. 4, 1959, No. 16744
Author	: Yustratova, V.
Institut.	: Moscow Academy of Agriculture imeni K. A.*
Title	: The Effect of Changing Feed Mixtures when Fattening Young Chickens.
Orig Pub.	: Sb. stud. nauchno-issled. rabot. Mosk. s.-kh. akad. im. K. A. Timiryazeva, 1958, vyp. 8,**
Abstract	: If feed mixtures were changed in the morning, at lunchtime, and in the evening, a larger average daily weight gain was obtained than if the same feeds were given during the entire experiment. For the period from 11 December to 6 January the average weight gain amounted to 267 g in the 1st experimental group and to 247 g in the control group.

Card: 1/1

*Timiryazev.
**327-330

67

YUSTS, P. [Justs,P.]

It'll "slip by" perhaps... Okhr.truda i sots.strakh. 5 no.11:29 N '62. (MIRA 15:12)

1. Tekhnicheskiy inspektor Latviyskogo respublikanskogo soveta professional'nykh soyuzov.
(Latvia—Agricultural machinery—Safety appliances)

AREF'IEVA, T.V.; YUSTUS, Z.L.

Polarographic method of determining impurities in indium, thallium and germanium concentrates. Sbor. nauch. trud. Gintsvetmeta no.19:730-735 '62. (MIRA 16:7)

(Indium—Analysis)
(Thallium—Analysis)
(Germanium—Analysis)
(Polarography)

ADAMOVICH, L.P.; MORGUL'-MESHKOVA, O.V.; YUTSIS, B.V.

New analytical reagent, alberon, and its interaction with beryllium ions. Zhur.anal.khim. 17 no.6:678-684 S '62. (MIRA 16:1)

1. Khar'kovskiy gosudarstvennyy universitet im. A.M.Gor'kogo.
(Beryllium--Analysis) (Alberon)

IUSTUS, A.I., redaktor; SUKHODREV, M.B., redaktor

[Europe; political map. School map of January 1, 1948] Evropa: politicheskaia karta. Uchebnaia karta 1 ianv. 1948. Otvetstvennye redaktory IUstus, A.I.i Sukhodrev, M.B. Moskva, 1949.
(MLRA 7:6)

1. Russia (1923- U.S.S.R.) Glavnoye upravleniye geodezii i kartografii.
(Europe--Maps)

FEL'DE, I.F., slesar'; IUSTUS, F.R., mekhanik

Attachment for SM-40 and ZSSM-133 vibropressing machines. Suggested by I.F.Fel'de, F.R.IUstus. Rats.i izobr.predl.v stroi. no.14:61-65 '60. (MIRA 13:6)

1. Zavod stroymaterialov tresta Basstroy, g.Krasnotur'insk, Sverdlovskogo sovnarkhoza.
(Vibrators)

NIKOLAYEV, Viktor Vasil'yevich; SOROKIN, Boris Vasil'yevich; TIURIN, M.I., red.; YUSTUS, R.R., otv. za vypusk; SUKHAREVA, R.A., tekhn.red.

[Design of grooved rolls; experience of the Likhachev Automobile Plant] Proektirovanie profilirovochnykh rolikov; opyt avtozavoda im. I.A.Likhacheva. Moskva, 1959. 42 p. (Moskovskii dom nauchno-tekhnicheskoi propagandy. Peredovoi opyt proizvodstva. Seriia: Progressivnaia tekhnologiia mashinostroeniia, vyp. 10). (MIRA 13:10)
(Rolls (Iron mills))

SHIRSHIN, A.; YUSTUS, R.; VASIL'YEVA, T., inzh.-tekhnolog

Various combines are needed. Prom.koop. 14 no.9:27 S '60.
(MIRA 13:9)

1. Zamestitel' predsedatelya pravleniya oblpromsoveta, g.Kalinin (for Shirshin). 2. Nachal'nik otdel bytovogo obsluzhivaniya, g.Kalinin (for Yustus).
(Service industries)

SHUKHOV, Yu.V., red.; YUSTUS, R.R., red.; SOBOLEVA, G.N., red. izd-va; MODEL', B.I., tekhn. red.

[Progressive methods of manufacturing, finishing, and hardening metal parts by plastic deformation] Progressivnye metody izgotovleniia, otdelki i uprochneniia metallicheskikh detalei plasticheskim deformirovaniem. Pod red. IU.V.Shukhova i R.R.IUstusa. Moskva, Mashgiz, 1962. 238 p. (MIRA 15:7)

1. Moskovskiy dom nauchno-tekhnicheskoy propagandy imeni F.E. Dzerzhinskogo.
(Sheet-metal work) (Extrusion (Metals)) (Surface hardening)

GINZBURG, L.B.; NOGAYEVA, Z.M.; YUSTUS, Z.L.

Photocolorimetric determination of thallium and germanium in the products of nonferrous metallurgy. Sbor. nauch. trud. Gintsvetmeta no.18:11-17 '61. (MIRA 16:7)

(Nonferrous metals—Analysis)
(Thallium—Analysis)
(Germanium—Analysis)

YUSUPOV, A.

Transformation of pectic substances in storage of apples

YUSUBOV, A.M.

USSR/Cultivated Plants - Fruits and Berries. M-5

Abs Jour : Ref Zhur - Biol., No 3, 1958, 10996

Author : Yusubov, A.M.

Inst : Voronezh Agricultural Institute.

Title : Guiding the Growth and Fruit Production of the Apricot.

Orig Pub : Zap. Voronezhsk. s.-kh. in-ta, 1956, 26, No 2, 50-60

Abstract : The following A.N. Ven'yaminov apricot varieties were studied under Voronezhskaya oblast' conditions: Triumf Severnyy, Uspekh, Desertnyy, Laureat, and others. It was determined that the basic reason why the flowering buds of apricots die under the conditions of the middle belt was connected with the short period of physiological calm. The apricot completes its development in the second half of winter and, if temperature conditions are right, starts flowering, but if cold weather sets on

Card 1/3

Abs Jour : Ref Zhur - Biol., No 3, 1958, 10996

again the flowering buds are killed. Flowering buds on long branches which have emerged rather late are much more frost resistant than the flowering buds of short bouquet branches. By clipping, the fruit bearing zone can be shifted to the secondary (summer) branches. The Character of growth alters greatly under the influence of summer clipping, as does the character of fruit production, and the dates when the flowering buds appear. When the previous year's shoots are clipped off, the quantity of secondary branches is increased. Summer clipping delays the differentiation of flowering buds in the secondary branches for about 30 days; it delays the leaf falling by 5-7 days. Under the production conditions of the middle belt of the USSR it is recommended that 2/3 of the previous year's branches be removed early in autumn and that subsequently 1/2 of the current year's shoots be

Abs Jour : Ref Zhur - Biol., No 3, 1958, 10996

removed 10 days before the beginning of the secondary growth wave, i.e. sometime between 25 June and 5 July.

YUSUBOV, A. M. Cand Agr Sci -- (diss) "Study of the biological characteristics of apricots of the central region, and the development of agricultural engineering methods of increasing the winter hardiness of flower buds." Voronezh, 1957. 15 pp 20 cm. (Min of Agr USSR. Voronezh Agr Inst), 100 copies (KL, 24-57, 119)

Yusubov, A.M.

USSR/Cultivated Plants - Fruits. Berries. L-6

Abs Jour : Ref Zhur - Biologiya, No 16, 25 Aug 1957, 69388

Author : Yusubov, A.M.
Inst :
Title : Pollinators for New Apricot Varieties in the Central Region.

Orig Pub : Sad i ogorod, 1957, No 2, 47-48

Abstract : No abstract.

Card 1/1

VEN'YAMINOV, A.N., doktor sel'skokhozyaystvennykh nauk; YUSUPOV, I.M.

Effect of conditions of seed stratification on the development of apricot seedlings. Agrobiologiia no.1:148-150 Ja-F '59. (MIRA 12:4)

1. Voronezhskiy sel'skokhozyaystvennyy institut.
(Apricot)

YUSUBOV, M. K., KIBALOV, P. I.

Viticulture

For high yields at all vineyards. Vin SSSR 12 no. 1, 1952.

9. Monthly List of Russian Accessions, Library of Congress, August 1952, Uncl.

YUSUBOV, M.V.

Republic conference on theoretical and practical problems of the Azerbaidzhan Pharmaceutic Society. Apt. delo 3 no.5:58-59 S-O '54. (MLRA 7:12)
(PHARMACY, in Russia, conf.)

YUSUBOV, M.U.

ALIYEV, R.K., professor; YUSUBOV, M.U.

Organization of pharmaceutical services for the rural population of Azerbaijan. Apt.delo 4 no.2:12-16 Mr-Ap '55. (MLRA 8:5)

1. Predsedatel' pravleniya Azerbaydzhanskogo nauchnogo farmatsevticheskogo obshchestva (for Aliyev). 2. Nachal'nik GAPU Ministerstva zdravookhraneniya Azerbaydzhanskoy SSR (for Yusubov).

(PHARMACY,
in Russia, rural)
(RURAL CONDITIONS,
rural pharm. in Russia)

YUSUBOVA, T. E.

"Conditioned Reflex Changes in the Gas Metabolism of Sheep." Cand Biol Sci, All-Union Inst of Experimental Veterinary Sciences, Min Agriculture USSR, Moscow, 1954. (KL No 5, Jan 55)

Survey of Scientific and Technical Dissertations Defended at USSR Higher Educational Institutions (12)

SO: SUM No. 556, 24 Jun 55

USSR/Human and Animal Physiology. The Nervous System T-12

Abs Jour : Ref Zhur - Biol., No 14, 1958, No 65762

Author : Yusubova T.E.
Inst : ~~The All-Union Institute~~ of Experimental Veterinary Medicine
Title : Certain Characteristics of the Higher Nervous Activity of Sheep

Orig Pub : Tr. Vses. in-ta eksperim. veterinarii, 1957, 20, 257-260

Abstract : No abstract

Card : 1/1

YUSUF-ZADE, T.Z.

Seminar for physicians from organizations concerned with medical care for adolescents. Zdrav. Belor. 6 no.4:76 Ap '60. (MIRA 14:5)

(CHILDREN—CARE AND HYGIENE)

YUSUFBEKOV, Kh.

Ways of restoring the land and vegetative resources of the Pamirs. Sbor. trud. Tadzh. fil. Geog. ob-va SSSR no.2:3-8 '61. (MIRA 14:11)

(Pamirs--Agriculture)

YUSUFBEKOV, Kh.Yu.

Objectives of further research of the Pamir Biological Station which would help the development of agriculture of Gorno-Badakhshan Autonomous Province. Trudy Pam. biol. sta. 1:5-10 '63. (MIRA 17:10)

RAYKOVA, I.A.; YUSUFBEKOV, Kh.Yu.

Some results of the improvement of desert pastures in Gorno-Badakhshan autonomous Province. Trudy Pam. biol. sta. 1:34-52 '63.
(MIRA 17:10)

YUSUFBEKOV, K.Yu.

Root systems of the alfalfa and red clover under various conditions of soils and irrigation in the western Pamirs. Trudy Pam. biol. sta. 1:107-124 '63. (MIRA 17:10)

YUSUFBEKOV, Kh.Yu.; SIDORENKO, G.T., otv. red.

[Use and improvement of hay fields and pastures in the Pamirs]
Ispol'zovanie i uluchshenie senokosov i pastbishch Pamira
Dushanbe, AN Tadzhikskoi SSR, 1964. 48 p. (MIRA 18:3)

YUSUFDZHANOV, KH. I.

Carotid Acid

"Struma of the carotid body." Khirugia No. 6, 1952.

Monthly List of Russian Accessions Library of Congress October 1952 UNCLASSIFIED

1. YUSUFDZHANOV, KH. I.

2. USSR (600)

4. Bones - Hydatids

7. Rare type of localization of Echinococcus. Khirurgiya no. 1, 1953.

9. Monthly List of Russian Accessions, Library of Congress, May 1953. Unclassified.

YUSUFDZHANOV, Kh.I. aspirant

Isolated lymphogranulomatosis of the stomach. Khirurgiia no.3:84-85 Mr '54. (MLRA 7:5)

1. Iz falul'tetskoy khirurgicheskoy kliniki imeni akad. N.N.Burdenko I Moskovskogo ordena Lenina meditsinskogo instituta (dir.prof N.N.Yelanskiy).

(STOMACH, neoplasms, *Hodgkin's dis., isolated)

(HODGKINS'S DISEASES, *stomach, isolated)

YUSUFDZHANOV, KH. I.

YUSUFDZHANOV, KH. I.: "Treating peritonitis, based on material from the faculty surgical clinic of the First Moscow Order of Lenin Medical Inst." (Experimental-clinical investigation). Moscow, 1955. First Moscow Order of Lenin Medical Inst. (Dissertation for the Degree of Candidate of Medical Sciences).

SO: Knizhnaya Letopis' No. 46, 12 November 1955. Moscow.

YUSUFDZHAYANOV, Kh. I.

"Concerning Treatment of Experimental Fecal Purulent Peritonitis by Means of Intraperitoneal Injection of Biomycin,"

p. 372 Ministry of Health USSR Proceedings of the Second All-Union Conference on Antibiotics, 31 May - 9 June 1957. p. 405, Moscow, Medgiz, 1957.

YUSUFDZHANOV, Kh.I., kand.meditsinskikh nauk

Hemangioma of the liver. Med. zhur. Uzb. no.10:76-77 O '60.
(MIRA 13:12)

1. Iz kafedry obshchey khirurgii (zav. - prof. S.A. Geller) Tashkentskogo gosudarstvennogo meditsinskogo instituta.
(LIVER—TUMORS)

K

Country : USSR
Category: Forestry. General Problems

Abs Jour: RZhBiol., No 12, 1958, No 53443

Author : Yusufli, N.
Inst :
Title : Our Forests.

Orig Pub: Sots. s.-kh. Azerbaydzhana, 1957, No 11, 35-40

Abstract: This article gives a general description of the forest of the Azerbaydzhan SSR. It indicates their composition by species and their economic significance is characterized. The article cites data on the state of forestry as a commercial undertaking, and on the state of forestry in the forest regions.

Card : 1/1

K-4

M

Country : USSR
Category: Cultivated Plants. Ornamental.

Abs Jour: RZhBiol., No 22, 1958, No 100532

Author : Yusufov, A.G.
Inst : Dagestan Sci. Res. Inst. of Agriculture
Title : On the Problrm of Utilizing Leaf Stalks for Securing Planting Material.

Orig Pub: Byul. nauchno-tekhn. inform. Dagestansk. n.-i. in-ta s.kh., 1957, No 1, 15-17

Abstract: Propagation of ornamental plants with leaf stalks without axillary buds is seldom utilized in practice owing to the difficulty in securing adventitious shoots with such technique. Reported are the results of the work on the determination of favorable condi-

Card : 1/3

M-213

YUSUFOV, A.G.

Variations in the regenerative ability of leaf cuttings as related to growing conditions [with summary in English].
Vest.LGU 13 no.21:19-24 '58. (MIRA 11:12)
(Plant cuttings)

YUSUFOV, A.G.

Repeated use of rooted leaves ot obtain a new breed. Dokl. AN Azerb. SSR 14 no.12:1025-1029 '58. (MIRA 12:1)

1.Dagestanskiy nauchno-issledovatel'skiy institut sel'skogo khozyaystva. Predstavlene akademikem AN Azerb. SSR I.K. Abdullayevym. (Plant breeding) (Phlox)

YUSUFOV, A.G., Cand Biol Sci -- (diss) "Comparative study of the ~~capability~~ capacity of leaf grafts for root and shoot formation."
Len, 1959, 18 pp (Len Order of Lenin State Univ im A.A. Zhdanov)
150 copies (KL, 28-59, 125)

YUSUFOV, A.G.

Heterogeneity of phlox plants obtained from roots of various age. Fiziol.rast. 6 no.2:216-219 Mr-Ap '59. (MIRA 12:5)

1. Dagestan Research Institute of Agriculture, Makhachkala. (Phlox) (Plant Propagation)

YUSUFOV, A.G.

Propagation of phlox by leaf cuttings. Biul. Glav. bot. sada no.41:83-87 '61. (MIRA 14:11)

1. Dagestanskiy nauchno-issledovatel'skiy institut sel'skogo khozyaystva, Makhachkala.

(Phlox)
(Plant cuttings)

YUSUFOV, A.G.; POPOVA, G.S.; BALIYEVA, M.A.

Effect of a presowing treatment of seeds with trace elements on corn yields. Dokl. AN Azerb. SSR 17 no.8:733-736 '61.
(MIRA 14:10)

1. Otdel fiziologii rasteniy Dagestanskogo nauchno-issledovatel'skogo instituta sel'skogo khozyaystva. Predstvaleno akademikom AN Azerbaydzhanskoy SSR V.R. Volobuyevym.
(Corn(Maize))
(Trace elements)

YUSUFOV, A.G.

Root-developing capacity of stem and leaf cuttings. Bot. zhur. 46 no.12:1803-1806 D '61. (MIRA 15:1)

1. Dagestanskiy nauchno-issledovatel'skiy institut sel'skogo khozyaystva, g. Makhachkala.
(Plant cuttings)

YUSUFOV, A.G.

Development of branched ears in corn. Nauch. dokl. vys. shkoly; biol. nauki no.3:175-177 '63. (MIRA 16:9)

1. Rekomendovana kafedroy botaniki Dagestanskogo gosudarstvennogo universiteta im. V.I.Lenina.
(Corn (Maize)) (Inflorescence)

YUSUFOV, A.G.

Effect of the root system of cuttings on the characteristics of their vegetative offspring. Nauch. dokl. vys. shkoly; biol. nauki no.1:185-188 '64. (MIRA 17:4)

1. Rekomendovana kafedroy botaniki Dagestanskogo gosudarstvennogo universiteta im. V.I.Lenina.

YUSUFOV, A.G.

Rooting ability of stem and leaf cuttings of some plants.
Bot.zhur. 50 no.11:1596-1601 N '65.
(MIRA 19:1)

1. Dagestanskiy gosudarstvennyy universitet imeni V.I.Lenina, g.Makhachkala. Submitted April 4, 1963.

YUSUFOV, A.G.; TYLIK, L.N.; AKHLAKOVA, R.

Some anatomical and physiological changes in cuttings during rooting. Fiziol.rast. 12 no.4:732-735 Jl-Ag '65. (MIRA 18:12)

1. Dagestanskiy gosudarstvennyy universitet imeni V.I.Lenina, Makhachkala. Submitted March 9, 1964.

SHIKHIYEV, I.A.; ALIYEV, M.I.; YUSUFOV, B.G.

Studies in the synthesis and transformations of oxygen-containing organic and organosilicon compounds. Part 22. Synthesis of organic and organosilicon trimethylsilyl and half ethers of chloro hydrate of the acetylene series. Zhur. ob. khim. 35 no.9:1651-1657 S '65. (MIRA 18:10)

1. Institut neftekhimicheskikh protsessov AN AzerSSR.

SHIKHIYEV, I.A.; ASLANOV, I.A.; YUSUFOV, B.G.

Synthesis and transformations of unsaturated organogermanium compounds. Part 9: Synthesis and transformations of primary and secondary monoatomic γ-germanium acetylenic alcohols. Zhur. ob. khim. 31 no. 11:3647-3648 N '61. (MIRA 14:11)
(Germanium organic compounds) (Alcohols)

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D228/D305

5.3700

AUTHORS: Shikhiyev, I. A., Aslanov, I. A., and Yusufov, B. G.

TITLE: Synthesis and conversion of primary and secondary monoatomic acetyl-Y-germanium alcohols

PERIODICAL: Zhurnal obshchey khimii, v. 31, no. 11, 1961, 3647-3648

TEXT: The authors give the first details of the synthesis and certain properties: 1-triethylgermanopropin-1-ol-3 — $Et_3GeC{\equiv}CCH_2OH$ (I); 1-triethylgermanohexin-1-ol-3 — $Et_3GeC{\equiv}CCHOHPr$ (II); n-butyltriethylpropylgermanium acetal — $MeCH(OBuOCH_2)C{\equiv}CGeEt_3$ (III); and n-butyltriethylhexylgermanium acetal — $MeCH(OBu)O(Pr)CHG{\equiv}CGeEt_3$ (IV). In previous research, I. A. Shikhiyev, M. F. Shostakovskiy, I. A. Aslanov, and N. V. Komapov (Ref. 1: Zh. obshch. khimii, 29, 1549, 1959; Ref. 2: Usp. khim., 27, 1504, 1958) developed a method for preparing mono-, duo- and triatomic acetyl-Y-germanium alcohols and proved the presence of

Card 1/2

hydroxyl groups in these compounds by their conversion to the corresponding acetals. The synthesis of I and II entails the reaction of propinol with the Grignard reagent; the mixing of the solution for 3 hr. as it is cooled to -5°; the addition of triethylgermanium chloride; the solution of the residue after about 8 - 12 hrs. in water and dil. HCl; the removal of the ether layer; and the double multiple distillation of the remaining solution when the desired alcohols boil over at 107 - 108° and 110 - 111° respectively. III and IV are prepared by stirring a mixture of I and II with vinylbutyl ether and HCl which is then heated for 1 hr. at 35 - 95° and allowed to stand overnight. After neutralization and removal of the ether, the acetals are obtained by double multiple distillation, their respective boiling-points being 146 - 148° and 152°. There are 1 table and 2 Soviet-bloc references.

SUBMITTED: December 27, 1960

SHIKHIYEV, I.A.; ASLANOV, I.A.; YUSUFOV, B.G.

Synthesis and conversions of oxygen-containing unsaturated organogermanium compounds. Part 15: Synthesis of mono- and diatomic tertiary γ-germanium acetylenic alcohols and some of their derivatives. Zhur.ob.khim. 32 no.10:3148-3151 O '62. (MIRA 15:11)

(Alcohols)
(Germanium organic compounds)

SHIKHIYEV, I.A.; YUSUFOV, B.G.

Synthesis and transformations of oxygen-containing organic and organosilicon unsaturated compounds. Dokl. AN Azerb. SSR 21 no.1: 19-23 '65. (MIRA 18:5)

1. Institut neftekhimicheskikh protsessov AN AzerSSR.

MAMIKONYANTS, Mkrtych Konstantinovich; YUSUFOV, Iskendir Mamedovich; SARKAROV, U.A., red.

[Organizing accounting in contracting construction organizations of the petroleum industry] Praktika organizatsii ucheta v podriadnykh stroitel'nykh organizatsiiakh neftianoi promyshlennosti. Baku, Azerbaidzhanskoe gos.izd-vo neft. i nauchno-tekhn.lit-ry, 1956. 446 p. (MLRA 12:10)

(Petroleum industry--Accounting)

BUKANKOV, Ye.I.; MARKARYAN, G.A.; YUSUFOV, I.Yu.

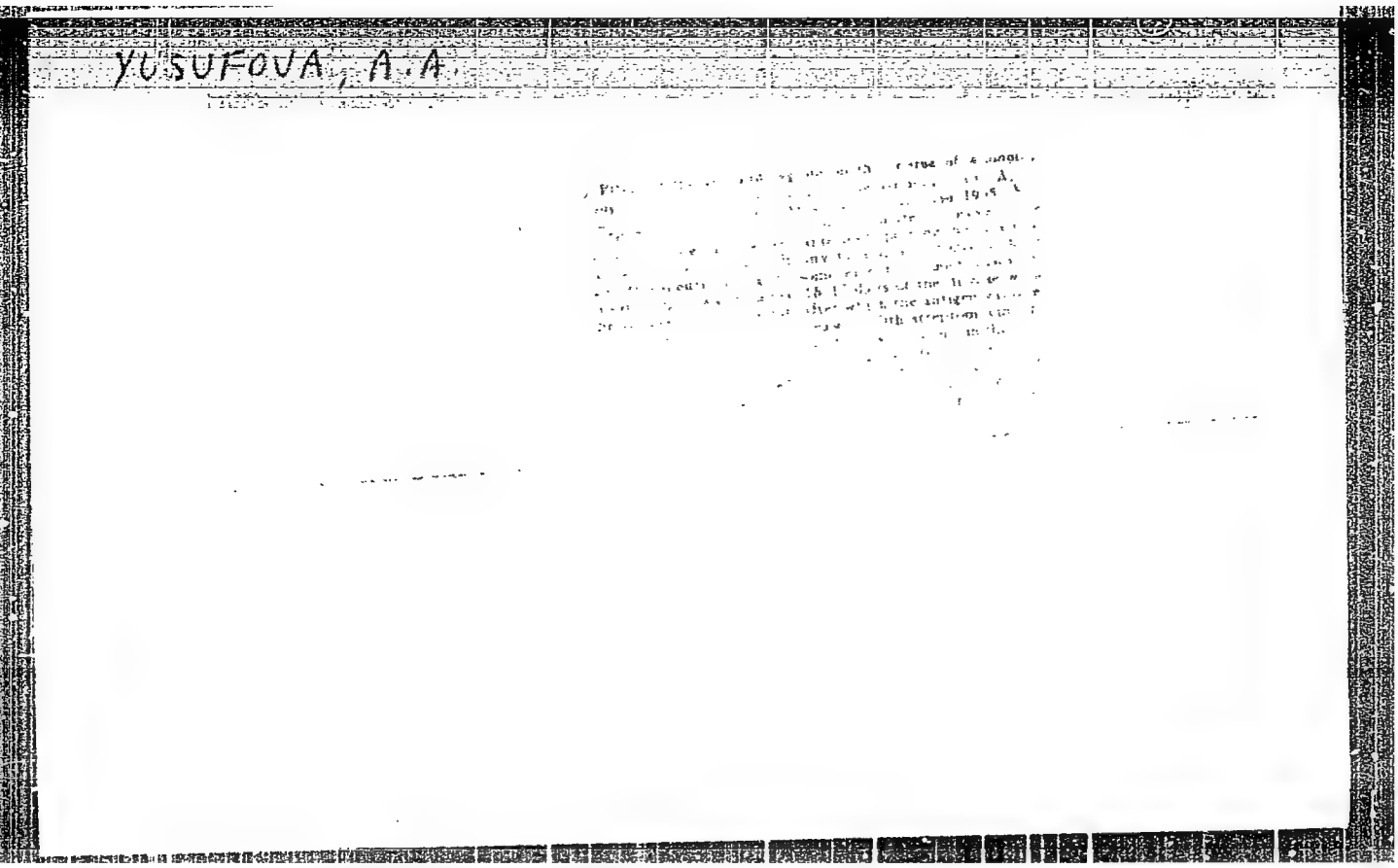
Attachment to the breaking test machine for the testing of plastic spike heels. Kozh.-obuv. prom. 7 no.12:14-16 D '65. (MIRA 19:2)

YUSUFOV, S.

Cheese

"Preventing brine-cured cheese from turning blue." Mol. prom. 13 no. 7, 1952.

Monthly List of Russian Accessions, Library of Congress, October 1952, UNCLASSIFIED



ZAYCHENKO, V.N., kand.tekhn.nauk; MEDVEDEVA, L.V., inzh.; YUSUFOVA, K.G., inzh.; KHODZHAYEVA, L.I., inzh.

Portable eudiometer for the protection of gasoline vapors. Bezop.truda v prom. 3 no.5:24-25 My '59. (MIRA 12:8)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut po tekhnike bezopasnosti v neftyanoy promyshlennosti, Baku.
(Eudiometer)

ZAYCHENKO, V.N.; MEDVEDEVA, L.V.; YUSUFOVA, K.G.

Portable gas analyzers for controlling the air of oil and ozocerite mines where explosive mixtures are present. Trudy VNIITB no.10: 75-82 '58. (MIRA 15:5)
(Petroleum mining--Safety measures) (Ozocerite) (Gas, Natural)

VINOGRADOV, K.V.; ASADULLAYEVA, N.N.; AGAYEV, F.T.; DADASHZADE, A.M.; YUSUFOVA, Kh.G.; ROSHAL', S.Ye.

Some features of the gas condensate mixture from well no. 9 of the Zyrya area. Azerb. neft. khoz. 39 no.1:27-29 Ja '60. (MIRA 14:8)
(Apsheron Peninsula--Condensate oil wells)

NUGMANOV, S. N., dotsent; YUSUFOVA, L. A., ordinator

Diagnosis and treatment of cervical pregnancy. Akush. i gin. no.3: 65-67 '61. (MIRA 14:12)

1. Iz kafedry akusherstva i ginekologii (zav. - dotsent T. A. Koryakina) fakul'teta usovershenstvovaniya vrachey Kazakhskogo meditsinskogo instituta.

(PREGNANCY, EXTRAUTERINE)

YUSUFOVA, V.D.

YUSUFOVA, V.D.

Use of combustible shales in various branches of the economy.
Dokl. AN Azerb. SSR 10 no.12:843-848 '54. (MLRA 8:10)

1. Energeticheskiy institut Akademii Azerbaydzhanskoy SSR. Predstavleno deyatvitel'nym chlenom Akademii nauk Azerbaydzhanskoy SSR I.G.Yes'manom.
(Estonia--Oil shales)

YUSUFOVA, V.D.

Determining some physical constants of B-70 gasoline. Izv. AN Azerb. SSR. Ser. fiz.-mat. i tekh. nauk no.5:107-116 '59.
(MIRA 13:3)

(Gasoline)

YUSUPOVA, V.D.

Studying the process of heat emission during the condensation of benzene on the outer surface of a horizontal and inclined condenser. Izv.AN Azerb.SSR. Ser.fiz.-mat.i tekh.nauk no.1:83-90 '60. (MIRA 13:11)

(Heat-radiation and absorption) (Benzene)
(Condensers (Vapor and gases))

44656
S/196/63/000/001/019/035
E073/E435

11,1710
AUTHOR: Yusufova, V.D.

TITLE: Results of some thermo-technical investigations

PERIODICAL: Referativnyy zhurnal, Elektrotekhnika i energetika, no.1, 1963, 1, abstract 1 G2. (Tr. Energ. in-ta. AN AzerbSSR, 15, 1962, 180-194, Azerb. summary)

TEXT: The results are described of investigations carried out during the last fifteen years at the Teplotekhnicheskaya laboratoriya (Thermal Engineering Laboratory) of the Energeticheskiy institut AN Azerbaydzhanskoy SSR (Power Engineering Institute AS Azerbaydzhan SSR). In the paper: "Termodinamika gazov, malo otklonyayushchikhsya ot ideal'nykh" (Thermodynamic gases differing little from ideal gases) the following conclusions are arrived at: 1) the thermodynamics of such gases can be considered as being a particular section of technical thermodynamics; 2) the subject can be presented in an analytical form on the basis of the molecular-kinetic theory; 3) it is possible to derive a generalized equation of state for such gases. In the paper "Teoreticheskoye obosnovaniye novykh metodov postroyeniya politropicheskikh krivykh" (Theoretical substantiation of new

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methods of constructing polytropic curves) practical proposals are made in the form of reference material on the plotting of curves of parabolic, hyperbolic and exponential functions most frequently used in technical calculations. Work is carried out on determining the distribution constants of hydrocarbons and of narrow petroleum fractions as well as on determining the thermodynamic properties (specific volumes, enthalpies, entropies etc) of individual hydrocarbons. The work relating to the determination of the heat transfer coefficient in heat exchangers during boiling of benzene and kerosene deals with: 1) appearance of an "inflection" in the relation $\alpha = f(q)$ for the case of evaporation of mixtures of hydrocarbons on the external surface of tubes under conditions of natural convection; 2) empirical formulae of the type $\alpha = f(w,p)$ and $\alpha = f(q,p)$ have been obtained, where q - heat flow, p - pressure, w - steam velocity; 3) the critical states of the investigated substances were found. Investigations of the process of heat release during condensation of water, ammonia, benzene and toluene as a function of various parameters of the vapour and geometrical configurations

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Results of some thermo-technical ... S/196/63/000/001/019/035
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of the condenser yielded expressions of the following type: $\alpha = f(w,p)$ and $\alpha = f(q,p)$ in the form $\alpha = 170.5\ p^{0.14} q^{0.43}$, as well as criterion equations. Work on investigating heat release from a gas-solid body to the wall of a cooling tube revealed that the heat release of a two-phase flow increased with increasing diameter of particles of the solid phase, difference in densities of the phases and the concentration of solid particles in the flow. The content of papers in the field of semi-coking of acidic oil tars as well as on investigating other Azerbaydzhan oil-shales are reported on. 17 references.

[Abstractor's note: Complete translation.]

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YUSUFOVA, V. D.

Results of some heat engineering investigations. Trudy ENIN AN Azerb. SSR 15:180-194 '62. (MIRA 15:10)

(Heat engineering) (Thermodynamics)

L 17618-66 EWT(m)/EWP(v)/T/EWP(t)/EWP(k) IJP(c) JD/HM

SOURCE CODE: UR/0135/66/000/002/0012/0014

TITLE: Effect of welding heat cycle on the mechanical properties of ATsM alloy

SOURCE: Svarochnoye proizvodstvo, no. 2, 1966, 12-14

TOPIC TAGS: aluminum alloy, zinc containing alloy, magnesium containing alloy, alloy weldability, alloy weld, weld strength/AlSm alloy

ABSTRACT: Welded joints in ATsM aluminum alloy (4.2—4.8% zinc, 1.6—2.1% magnesium, 0.4--0.8 manganese, and 0.15—0.22% zirconium) fail usually in the fusion zone at a strength equal to 0.85—0.96 of the strength of the base metal. Therefore, in welding this alloy a special joint design is used (see Fig. 1) to compensate for the loss of

Fig. 1. Layout of an aluminum-alloy butt joint

Card 1/2 UDC: 621.791.754:546.293:669.715

strength in the fusion zone. The subject of this study was to determine the necessary width of the reinforced portion with particular attention to the effect of additional

[illegible] thick, this distance is 20—25 mm and in a sheet 10 mm thick, 35 mm. In the fusion zone, where temperature reaches 500—600°, a partially hardened zone is formed. The degree of softening in the weld-adjacent zone depends upon the thermal welding cycles; it occurs in a range of 150—290° as a result of precipitation and coagulation in the strengthening phase. The degree of softening depends upon the time the zone remains under the effect of critical temperature (150—290C) at which the precipitation and coagulation occur. Aging narrows the width and increases the hardness of the zone softened by repair welds. The design strength of welded joints should be calculated taking into consideration the effect of repair welds and should be based on both the thickness and width of the reinforced portion of the parent sheet. For sheets 3—6 mm thick, the reinforcement of each edge should be 45 mm, and for a sheet 7—10 mm thick, 60 mm. Orig. art. has: 7 figures and 4 tables. [ND]

SUB CODE: 11/ SUBM DATE: none/ ORIG REF: 002/ OTH REF: 001/ ATD PRESS: 4210

Card 2/2 70195

ACCESSION NR: AP4020102 S/0125/64/000/003/0037/0043

AUTHOR: Yusufova, Z. A. (Engineer, Moscow); Murov, G. F. (Engineer, Moscow); Astakhova, A. P. (Engineer, Moscow)

TITLE: Welding peculiarities of an aluminum-zinc-magnesium alloy

SOURCE: Avtomaticheskaya svarka, no. 3, 1964, 37-43

TOPIC TAGS: welding, Al Zn Mg alloy welding, AMg6N alloy welding, V92 alloy welding, aluminum alloy weld strength

ABSTRACT: The peculiarities of automatic welding of Al-Zn-Mg alloy were studied with 3.5-10-mm thick plates argon-ac-arc welded with a W electrode and an AMg6 wire. The distribution of metal strength around the welds made from Al-Zn-Mg alloy and — for comparison — from standard AMg6N and V92 alloys was studied. Also, the effect of manual root welding (correcting welding defects) upon the weld quality was investigated. These results are reported: (1) The

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ACCESSION NR: AP4020102

tendency to crack in Al-Zn-Mg alloy welds is lower than that in AMg6 and V92 welds; (2) The strength factor determined on flat specimens with reinforced welds is 0.85-0.96; (3) With sheets 4-5-mm thick, the optimum width of the structural reinforcement is 45 mm; with plates 9-mm thick, it is 60 mm; (4) The probable zone of softening should be taken into account in selecting the minimum distance between welds; (5) The diameter of the flange-to-plane ring weld should be 100 mm or more; automatic welding should be used; (6) Auxiliary manual double welding cuts the we strength to 0.68 of the base-metal strength. "Engineers Yu. N. Skachkov, A. Ye. Truliachev, and Yu. P. Parmanov took part in the project." Orig. art. has: 3 figures and 4 tables.

ASSOCIATION: none

SUBMITTED: 09May63 DATE ACQ: 31Mar64 ENCL: 00

SUB CODE: MM NO REF SOV: 005 OTHER: 001

Card 2/2

ACCESSION NR: AP4040695 S/0135/64/000/006/0008/0010

AUTHOR: Yusufova, Z. A. (Engineer)

TITLE: Multilayer argon shielded arc welding of ATsM alloy shapes

SOURCE: Svarochnoye proizvodstvo, no. 6 (630), 1964, 8-10

TOPIC TAGS: aluminum alloy, ATsM alloy, aluminum zinc magnesium alloy, alloy welding, TIG welding, alloy weld, weld property

ABSTRACT: The ATsM high-strength aluminum-zinc-magnesium alloy is rather frequently used in the form of extruded solid and hollow shapes of complex cross section (see Fig. 1 of the Enclosure), from which ring-shaped parts are manufactured by banding and welding. In the heat treated (solution annealed at 450C and aged at 100C for 100 hr) condition the alloy has excellent mechanical properties. The alloy is self-heat-treatable, i.e., under certain conditions its mechanical properties are unaffected by welding. Single-pass welds made with the automatic argon shielded arc in sheets up to 6 mm thick or single-pass welds made with the automatic three-phase argon shielded arc in sheets up to 12 mm thick have a strength equal to that of the base metal. However, in the manual welding of heavy sections the

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ACCESSION NR: AP4040695

base metal strength decreases in proportion to the length of time the metal remains exposed to dangerous temperatures. The heat-affected zone in solid shapes is much wider than in hollow shapes. The strength of manually TIG welded joints artificially aged after welding varied, depending on the number of passes, from 27.6 to 34.5 kg/mm^2 for hollow shapes and from 25.6 to 31.0 kg/mm^2 for solid shapes. The failure always occurred in the heat-affected zone. The decrease of the base metal strength in the heat-affected zone is associated with the decomposition of the solid solution and coagulation of the $MgZn_2$ strengthening phase along the grain boundaries. The width of the heat-affected zone was 200—210 mm for hollow shapes and up to 280—300 mm for solid shapes. To improve the weld strength in structures made from AT6M alloy shapes, a switch to new resistance and cold welding methods is suggested. Orig. art. has: 4 figures and 3 tables.

ASSOCIATION: none

SUBMITTED: 00 ATD PRESS: 3042 ENCL: 01

SUB CODE: MM NO REF SOV: 003 OTHER: 000

Card 2/3

KHARITONOV, A.; YUSUFOVICH, B.

Norms for founding work. Biul. nauch. inform.: trud i zar. plata 5 no.2:22-27 '62. (MIRA 15:2)

(Founding—Production standards)

YUSUFOVICH, B.

Establishing norms for founding. Sots.trud 7 no.3:97-101 Mr '62.
(MIRA 15:3)

(Founding--Production standards)

YUSUFOVICH, B.

Creating time norms for metal smelting. Sots. trud 8 no.6:124-127 Je '63. (MIRA 16:9)

YUSUPOVICH, B.Ye.

Norms for founding. Mashinostroitel' no.1:40-41 Ja '63. (MIRA 16:2)
(Founding—Production standards)

YUSUFOVICH, B.Ye.; KARPENKO, I.A.

Your working place. Mashinostroitel' no.8:10-12 Ag '65.
(MIRA 18:11)

YUSUFOVICH, B.Ye., inzh., red.; TIKHANOV, A.Ya., tekhn. red.

[Time norms established in the general machinery industry for large-batch and batch production standards of iron, steel, and nonferrous metal chill castings] Obshchemashinostroitel'nye normativy vremeni dlia tekhnicheskogo normirovaniia rabot pri kokil'nom lit'e detalei iz chuguna, stali i tsvetnykh splavov; krupnoseriinoe i seriinoe proizvodstvo. Moskva, Mashgiz, 1962. 54 p. (MIRA 16:2)

1. Moscow. TSentral'noye byuro promyshlennykh normativov po trudu.
(Die casting--Production standards)

YUSUFOVICH, B.Ye.; YEGOROV, V.V.

Standardization of operations for preparing mixtures.
Mashinostroitel' no.12:39-40 D '65. (MIRA 17:1)

BUGROV, A.P.; SEMENKEVICH, S.R.; SEMENOV, A.I.; SLUTSKIY, G.V.; SHAPIRO, I.I.; YUSUPOVICH, B.Ye.; SEMENOV, S.A., red.; ZAYTSEVA, L.A., tekhn. red.

[Establishing norms is the basis of scientific labor organization] Normirovanie - osnova nauchnoi organizatsii truda. Moskva, Profizdat, 1964. 61 p. (Bibliotechka profsoiuznogo aktivista, no.2(74)) (MIRA 17:2)

YUSUF-ZADE B. M.

44-1-331

TRANSLATION FROM: Referativnyy Zhurnal, Matematika, 1957, Nr 1, p. 51 (USSR)

AUTHOR: Yusuf-Zade, B.M.

TITLE: On the Best Mean Approximation of Summable Functions with the Aid of Entire Functions of Finite Order (O nailuchshem priblizhenii v srednem summiruyemykh funktsiy posredstvom tselykh funktsiy konechnoy stepeni)

PERIODICAL: Tr. In-ta fiz. i matem. AN AzerbSSR, 1955, 7, pp. 71-85

ABSTRACT: For functions $f(x) \in L(-\infty, \infty)$ it is proved that

1) $A_p(f)_L \leq C\omega(f, \pi/p, 2)$ 2) $\omega(f, \delta) \leq 2A_p(f)_L + p\delta M$

where $A_p(f)_L$ is the best approximation of f with the aid of entire functions of P order in the metric $L(-\infty, \infty)$; $\omega(f, \delta)$ is the modulus of continuity f in the same metric; and C and M are constants. Analogous theorems are proved for functions of two variables. In addition, the valuation

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44-1-331

On the Best Mean Approximation of Summable (Cont.)

of the best approximations of function $f \in L(-\infty, \infty)$ in the interval $[-\lambda, \lambda]$ is determined with the aid of polynomials (in the sense of L) $E_n(f, \lambda)_L \leq A_\rho \{f, \lambda\}_L + \varepsilon_n$ for $\rho \leq qn/(\lambda R)$ where q is some constant (absolute), $0 < q < 1$ and $\varepsilon_n \to 0$, when $n \to \infty$

O. V. Besov

Card 2/2

YUSUFZADE, Kh.B.; ISHKHANOV, V.G.

Some results of well production by means of lowering the lift pipe down to the lower slots of the liner. Azerb. neft. khoz. 42 no.1:23-25 Ja '63. (MIRA 16:10)

(Filters and filtration)

Yusufzade, Kh. B.

MAMEDOV, B.M.; YUSUFZADE, Kh.B.

Effect of back pressure on the production of wells. Azerb. neft. khoz. 36 no.12:23-24 D '57. (MIRA 11:3)
(Neftyanye Kamni region--Oil well drilling, Submarine)

YUSUFZADE, Kh.B.

Determining the optimum oil yield from producing PK-1 and PK-2 wells of the Neftyanye Kamni field. Izv. vys. uchseb. zav.; neft'. i gaz no.1:95-102 '58. (MIRA 11:8)

1. Neftepromyslovoye upravleniye "Gyurgyanneft'."
(Oil wells)

YUSUF-ZADE, A.A.B.

Interpreting the results of oil field investigations for determining the permeability of layers in the Neftyanye Kamni region. Izv.vys.ucheb.zav.; neft' i gaz 1 no.12:61-67 '58.
(MIRA 12:4)

(Neftyanye Kamni region--Rocks--Permeability)

GADZHIYEV, B.A.; YUSUF-ZADE, Kh.B.

Axial interboundary flooding of the Neftyanye Kamni K_2 sector. (MIRA 11:12)
Azerb. neft. khoz. 37 no.9:22-24 S '58.
(Neftyanye Kamni region--Oil field flooding)

SAMEDOV, F.I.; YUSUFZADE, Kh.B.

New method for determining the dynamics of the weighted average of the reservoir pressure in production areas. Izv.vys.ucheb. zav.; neft' i gaz 2 no.11:9-15 '59. (MIRA 13:4)

1. Azerbaydzhanskiy institut nefti i khimii im. M.Azizbekova.
(Oil reservoir engineering)

MAMEDOV, B.M.; GADZHIYEV, B.A.; YUSUFZADE, Kh.B.

Characteristics of sand clogging the wells of the Neftyanye Kamni field. Azerb. neft. khoz. 38 no.6:32-35 Je '59. (MIRA 12:10)

(Neftyanye Kamni region--Sand)

YUSUFZADE, Kh. B., Cand Geol-Min Sci, "Investigation of the effluent petroleum wells and strata and problems of working and exploitation of petroleum-bearing objectives in the southwestern wing of the deposit "Neftyannyye Kamni" (Baku, 1960. (Com for Higher and Sec Spec Ed of the Council of Ministers AzSSR, Azerbaydzhan Order of Labor Red Banner Inst of Petroleum and Chem im M. Azizbekov). (KL, 3-61, 208).

MAMEDOV, B.M.; YUSUFZADE, Kh.B.

Dividing the sub-Kirmaki series in the northeastern wing of the Neftyanyye Kamni field into exploitation sectors. Azerb.neft. khoz. 40 no.12:35-37 D '61. (MIRA 15:8)
(Neftyanyye Kamni region—Oil fields—Production methods)

YUSUF-ZADE, T Z.

All-Union Conference on Medical Care of Adolescents. Zdrav.Rel. 7 no.11:69 N '61. (MIRA 15:11)
(SCHOOL HYGIENE--CONGRESSES)

YUSUF-ZADE, T.Z.

Rearing a physically well-developed healthy youth. Zdrav. Bel. 9 no.1:23-26 J'63. (MIRA 16:8)

1. Glavnyy spetsialist Ministerstva zdravookhraneniya po meditsinskomu obsluzhivaniyu podrostkov.
(MINSK--PHYSICAL FITNESS)

ALEKSEYEV, O.I.; YUSUPBEKOV, Ir.Kh.

Dynamic loading of the cable in various conditions of impact cable drilling. Trudy Inst. gor. dela AN Kazakh. SSR 1:176-179 '56.
(Boring) (MIRA 11:1)